

Contents

Foreword.....	vii
Introduction: recalling Herxheim's general context	1
General aspects of methods and material.....	3
Preparation of the remains and general approach to their study	3
Preparation of the remains	3
General study procedure of the human remains	3
The human remains from the 2005–2010 excavations: general structure.....	6
Modalities of deposition and burial of the human remains.....	9
Data and methods	9
The excavation: organisation and methodology	9
Spatial information	11
The limitations of observations in the field and their consequences	11
Incompleteness of spatial information	11
Problems related to stratigraphic units.....	12
Results	13
Frequency of relationships.....	13
Deposits and their spatial relations	15
The problem of initial identification of concentrations	15
Redefinition of the deposits	17
Spatial relationships.....	22
Modalities of deposition and burial	25
The unfragmented individuals.....	27
Quantitative analysis of the human remains.....	29
Quantification of elements	29
Methods	29
Number of specimens	32
Mass.....	33
Percentage of representation.....	36
Synthesis.....	38
Representation of parts of elements	41
Methods	41
Large long bones and clavicle	41
Metacarpals, metatarsals and phalanges.....	43
Carpals, tarsals and patella	44
Vertebrae and ribs	45
Results of the quantitative analysis	48
General study of bone modifications	51
Fracturing	51
General methodology	51
Large long bones.....	51
Length of shaft fragments	51
Shaft fragmentation.....	51
Attributes of fractures	54
Impact points.....	56
Cranial vault	57
Other parts of the skeleton.....	58
Cutting up.....	59
General methodology	59
Cutmarks.....	60
Scrape marks.....	62

Polish.....	63
Heat-related modifications	65
General methodology	65
Results for the whole assemblage.....	65
Results for the facial skeleton.....	66
Chewing marks.....	70
General methodology	70
Results	74
Results of the general study of bone modifications	77
Anatomical study.....	79
Preamble.....	79
Skull	79
Cranium	79
Exposure to fire.....	79
Cutting up.....	79
Fracturing.....	83
Mandible.....	85
Exposure to fire.....	85
Cutting up.....	85
Fracturing.....	87
Trunk and girdles.....	88
Vertebrae.....	88
Cutting up	88
Fracturing.....	88
Ribs.....	89
Cutting up.....	89
Fracturing.....	89
Clavicles	90
Cutting up.....	90
Fracturing.....	91
Scapulae.....	91
Cutting up.....	91
Fracturing.....	93
Coxal bones	96
Cutting up.....	96
Fracturing.....	96
Large long bones	96
Cutting up	96
Fracturing.....	98
Other modifications	98
Hands and feet.....	99
Cutting up	99
Fracturing.....	100
Other modifications	100
Other elements.....	100
Number of individuals, biology and demography.....	101
Number of individuals.....	101
Preamble	101
Results	101
Sex and age at death	102
General methodology	102
Sex	104
Age at death of immature individuals.....	104
Palaeodemographic analysis	106
Principles and methods	106
Mortality table derived from raw data.....	108
Demographic anomalies	109
Interpretations.....	111

Synthesis and general discussion	115
Interpretation, counter-interpretation	115
Summary of the facts.....	115
The funerary question.....	116
How to classify cannibalism at Herxheim?.....	119
Classifying cannibalism in general.....	119
The question of ‘war’ in prehistoric societies.....	121
The nature of cannibalism at Herxheim	122
Conclusion: putting flesh on the bones... ..	125
The human beings	125
The site	126
The general context at the end of the Linear Pottery period	127
The Herxheim events in the context of the end of the Linear Pottery Culture	129
Why?	131
Bibliography	135